



National Weather Service

Storm Data and Unusual Weather Phenomena



December 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

ARKANSAS, Central and North Central

ARZ003>007-012>016-023>025-033>034 Boone - Marion - Baxter - Fulton - Sharp - Newton - Searcy - Stone - Izard - Independence - Van Buren - Cleburne - Jackson - White - Woodruff

03	2200CST	0	0	3.7M	Winter Storm
04	1200CST				

A mixture of snow, sleet and freezing rain starting falling on the afternoon of the 3rd over parts of north-central Arkansas. The precipitation gradually overspread the rest of the area by that evening and continued through the morning hours of the 4th. Snowfall accumulations of 1 to 3 inches were common over north-central Arkansas, with locally higher amounts between 3 and 5 inches in the higher elevations. Farther to the south and east in northern Arkansas, snow became less common and freezing rain and sleet predominated. A major ice storm occurred with total ice accumulations ranging from 1/4 inch up to near 1 inch. Roads were snow and ice covered and hazardous during the event with numerous traffic accidents reported. Power outages were widespread due to the weight of snow and ice on tree limbs and power lines. Approximately 50,000 customers lost power at the height of the storm. Twelve counties in the Little Rock County Warning Area were declared disaster areas due to the ice, with the cleanup cost estimated around 4 million dollars.

Boone County									
Harrison	18	0935CST			0	0			Hail(0.75)
Marion County									
3 S Peel	18	1420CST			0	0			Hail(0.75)
Clark County									
1 N Amity	18	1535CST			0	0			Hail(1.75)
Faulkner County									
1 N Hamlet to .8 ESE Enola	18	1535CST 1547CST	9.8	150	1	13			Tornado (F3)



A house was destroyed by an F3 tornado between Hamlet and Enola (Faulkner County) along Highway 36 on 12/18/2002.



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ARKANSAS, Central and North Central

A strong tornado was spawned over Faulkner County about 1 mile north of Hamlet. The tornado moved to the northeast for approximately 9.8 miles before lifting 0.8 mile east-southeast of Enola. A number of homes, both permanent and mobile, were either damaged or destroyed along the path of the tornado. An 84 year-old woman was killed when her mobile home was destroyed. 13 others sustained injuries. Numerous trees and power lines were blown down. A power substation was also damaged.

F84MH

Clark County

5 NE Amity	18	1540CST			0	0			Hail(1.00)
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Hot Spring County

Point Cedar	18	1548CST			0	0			Hail(1.00)
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Hot Spring County

1 NW Point Cedar	18	1550CST	0.1	25	0	0			Tornado (F0)
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A weak tornado touched down briefly 1 mile northwest of Point Cedar. Damage was limited to some trees being blown down.

Faulkner County

2.1 SW Mt Vernon to 1 NE Mt Vernon	18	1550CST 1554CST	3.1	100	0	0			Tornado (F1)
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A weak tornado was spawned about 2.1 miles southwest of Mount Vernon. The tornado moved to the northeast and caused damage to several mobile homes to the west and north of Mount Vernon. A number of trees were also blown down. The tornado traveled about 3.1 miles before heading into White County.

White County

3.5 W Romance to 3.5 NNE Romance	18	1554CST 1602CST	6	100	0	0			Tornado (F1)
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A weak tornado moved from eastern Faulkner County into western White County about 3.5 miles west of Romance. The tornado traveled to the northeast for 6 miles before lifting. Damage along the path of the tornado consisted of a small trailer and camping trailer being overturned. Some shingles and other minor damage occurred to the roofs of several homes. Numerous trees were also blown down.

White County

.7 E Sidon to 1.2 NW Pickens	18	1605CST 1609CST	2.5	25	0	0			Tornado (F0)
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A weak tornado was spawned over northern White County about 0.7 of a mile east of Sidon. The only damage noted along the track of the tornado consisted of some trees being snapped off. The tornado traveled to the northeast for about 2.5 miles before heading into Cleburne County.

Saline County

Crows	18	1608CST 1609CST	0.5	25	0	0			Tornado (F0)
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A weak tornado touched down briefly in the vicinity of Crows. The only damage noted were several trees that were twisted and broken off several feet above the ground along a small river that runs along Highway 9 just north of Crows. There were at least 2 people that witnessed the tornado.

Cleburne County

12 SSE Heber Spgs to 13 SE Heber Spgs	18	1609CST 1611CST	1.5	25	0	0			Tornado (F0)
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A weak tornado moved from northern White County into southeast Cleburne County about 12 miles south-southeast of Heber Springs. The only damage noted were some snapped trees. The tornado traveled about 1.5 miles to the northeast before lifting.



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<u>ARKANSAS, Central and North Central</u>								
Faulkner County								
Mayflower	18	1615CST			0	0		Hail(0.88)
Garland County								
2 N Lonsdale	18	1630CST			0	0		Funnel Cloud
A trained weather spotter observed a funnel cloud 2 miles north of Lonsdale.								
Garland County								
Hot Springs Village	18	1630CST 1930CST			0	0		Flash Flood
Heavy rains caused flash flooding to occur in and around Hot Springs Village. A school bus was washed off a nearby road when the driver attempted to drive through the high water. No one else was aboard the bus at the time.								
Pulaski County								
Maumelle	18	1638CST			0	0		Hail(1.00)
Pulaski County								
Maumelle	18	1645CST			0	0		Hail(1.00)
Pulaski County								
Macon	18	1650CST			0	0		Hail(1.50)
White County								
Center Hill	18	1654CST			0	0		Hail(1.00)
Pulaski County								
Gibson	18	1655CST			0	0		Hail(1.00)
Pulaski County								
3 W Little Rock Afb to 1 W Little Rock Afb	18	1655CST 1705CST			0	0		Funnel Cloud
The weather observer at the Little Rock Air Force Base reported seeing a funnel cloud west of the base								
Independence County								
2.8 E Newark to 4.5 NE Newark	18	1656CST 1659CST	2.2	30	0	0		Tornado (F0)
A weak tornado touched down briefly in eastern Independence County. The tornado caused minimal damage, with just a few trees snapped off.								
Pulaski County								
7 N Macon	18	1700CST			0	0		Hail(1.75)
Lonoke County								
Cabot	18	1700CST			0	0		Hail(1.00)
Lonoke County								
2.7 NE England to 8.2 NE England	18	1705CST 1713CST	5.5	40	0	0		Tornado (F0)
A weak tornado touched down over southern Lonoke County in areas just northeast of England. The only damage noted along the path of the tornado were some trees snapped off.								
Lonoke County								
Cabot	18	1710CST			0	0		Hail(0.75)
Lonoke County								
Cabot	18	1710CST			0	0		Hail(1.25)
Drew County								
8.2 WSW Collins to 7.2 WSW Collins	18	1723CST 1725CST	1	30	0	0		Tornado (F0)
An F0 tornado touched down briefly west-southwest of Collins. The tornado was on the ground for just a mile and snapped off several dozen small trees along it's path.								



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ARKANSAS, Central and North Central

Prairie County

1.2 SE Hazen to 2.5 ENE Hazen	18	1732CST 1735CST	2	75	0	0		Tornado (F0)
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A weak tornado touched down 1.2 miles southeast of Hazen and tracked to the northeast for 2 miles before lifting. Two residences suffered damage from fallen trees. A carport and a small shed were destroyed. Two mobile homes were damaged. A few trees were also blown down, as was a billboard.

White County

2 S Searcy	18	1733CST			0	0		Hail(0.75)
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Clark County

Alpine	18	1742CST			0	0		Hail(0.88)
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Ouachita County

7.4 WNW Camden to 6.5 NW Camden	18	1742CST 1745CST	1.8	30	0	0		Tornado (F0)
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A weak (F0) tornado touched down briefly to the northwest of Camden. The only damage noted along the track of the tornado were just a few trees snapped off.

Faulkner County

Conway	18	1745CST			0	0		Hail(0.75)
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Prairie County

3 W De Valls Bluff	18	1750CST			0	0		Thunderstorm Wind (G50)
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Thunderstorm winds downed some power lines.

Desha County

4 SSW Pea Ridge to 4 N Watson	18	1801CST 1813CST	9	50	0	0		Tornado (F1)
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An F1 tornado touched down 4 miles south-southwest of Pea Ridge and moved to the northeast for 9 miles before lifting. The first damage noted were several twisted trees and some large tree limbs that were knocked down. Just east of Highway 277, a house sustained minor roof and window damage. Further to the northeast, several buildings along Highway 1 were damaged. The roof of a church was damaged and a nearby house had some roof damage. Also, a storage garage was destroyed and several farm vehicles were damaged.

Woodruff County

1.8 WSW Cotton Plant to 3.3 NE Cotton Plant	18	1808CST 1814CST	5	100	0	0		Tornado (F1)
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ARKANSAS, Central and North Central



Several building facades collapsed in downtown Cotton Plant (Woodruff County) due to an F1 tornado on 12/18/2002.

A weak tornado initially touched down 1.8 miles west-southwest of Cotton Plant, tracked through the city of Cotton Plant, and lifted 3.3 miles northeast of Cotton Plant. The tornado damaged the roof of a cotton gin and a large nearby metal building was destroyed. A number of homes suffered damage, mainly due to shingles being blown off and trees falling onto them. Several mobile homes were damaged, including one that was overturned against a tree. The facade of several downtown buildings were torn off. A number of headstones on graves at a local cemetery were overturned.

Pulaski County

8 W Little Rock

18 1810CST 0 0 Hail(0.88)

Ouachita County

**2.7 E Stephens to
1.2 SW Buena Vista**

18 1819CST 5.7 30 0 0 Tornado (F0)
1826CST

A weak tornado (F0) touched down east of Stephens and tracked to the northeast for 5.7 miles before lifting. Damage along the path of the tornado consisted of a large tree blown down, with the tree knocking down a power pole. A number of trees were also downed in a nearby oil field.

Woodruff County

**2 W Hilleman to
3.2 NNE Hilleman**

18 1820CST 4 100 0 0 Tornado (F1)
1825CST

A weak tornado (F1) touched down 2 miles west of Hillemann and tracked to the northeast for 4 miles before lifting. Several houses were damaged, mainly due to shingles being blown off. Two box trailers sitting on the ground at separate locations were overturned. Several trees were knocked down. Seven power poles were blown down and landed on U.S. Highway 49.

Ouachita County

Camden

18 1825CST 0 0 Funnel Cloud

A funnel cloud was briefly observed just east of Camden.

Ouachita County

Kirkland

18 1830CST 0 0 Hail(1.00)

Ouachita County

Frenchport

18 1830CST 0 0 Hail(0.88)



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ARKANSAS, Central and North Central

Pulaski County									
Jacksonville	18	1833CST			0	0			Hail(0.88)
Pulaski County									
Jacksonville	18	1835CST			0	0			Hail(1.75)
Lonoke County									
Cabot	18	1840CST			0	0			Hail(1.00)
Lonoke County									
Ward	18	1845CST			0	0			Hail(0.75)
Lonoke County									
Cabot	18	1850CST			0	0			Hail(0.75)
Prairie County									
4.2 SW Des Arc to 3.6 NE Des Arc	18	1910CST 1921CST	8.8	100	0	0			Tornado (F1)



A school bus barn was destroyed by an F1 tornado at Des Arc (Prairie County) on 12/18/2002. No buses were in the barn at the time.

A weak tornado tracked from 4.2 miles southwest of Des Arc, through the city of Des Arc, to 3.6 miles northeast of Des Arc. The first damage noted along the track of the tornado was about 10 power poles that were downed to the southwest of Des Arc. In the city of Des Arc, the school bus barn was destroyed and the scoreboard at the local high school was damaged. A number of trees were blown down on houses, a church roof was damaged and some fences were knocked down. On the east side of the White River, shingles were blown off roofs and a garage suffered some damage.

Cleveland County									
Kingsland	18	1930CST			0	0			Hail(0.88)
Jefferson County									
.8 SE Cornerstone	18	1945CST	0.2	20	0	0			Tornado (F0)
A weak tornado (F0) touched down briefly in a farm field. There was no damage. The tornado was observed by a motorist driving on Highway 88 and a man whose house was on the edge of the field.									
Cleveland County									
Woodlawn	18	1955CST			0	0			Hail(0.75)



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<u>ARKANSAS, Central and North Central</u>								
Lincoln County								
Glendale	18	2000CST			0	0		Hail(0.75)
Ouachita County								
2.7 WSW Bearden to 2.9 NNE Bearden	18	2010CST 2018CST	5.1	40	0	0		Tornado (F0)
A weak tornado (F0) touched down 2.7 miles west-southwest of Bearden and tracked to the northeast for 5.1 miles before lifting. The only damage noted along the path of the tornado were some trees that were snapped off and minor damage to the tin roof of a barn.								
Arkansas County								
Lodges Corners	18	2030CST			0	0		Hail(1.00)
Jefferson County								
5 SSE Reydell to 4.9 SE Reydell	18	2033CST 2034CST	1.2	25	0	0		Tornado (F0)
A weak tornado (F0) touched down briefly southeast of Reydell. The only damage noted were the tops of several trees that were twisted out and a large tree limb that fell onto a mobile home.								
Jefferson County								
5.4 SE Reydell to 5.7 SE Reydell	18	2036CST	0.3	20	0	0		Tornado (F0)
A weak tornado touched down briefly to the southeast of Reydell. Several dozen trees were blown down at Farely Lake.								
Calhoun County								
5.5 SE Locust Bayou to 5.7 SE Locust Bayou	18	2044CST 2045CST	0.2	25	0	0		Tornado (F0)
An F0 tornado touched down briefly to the southeast of Locust Bayou. The tin roof of an old house was damaged, a couple of TV antennas were blown off houses and a few pines trees were snapped off.								
Arkansas County								
5.5 S Stuttgart to 4 SSE Stuttgart	18	2045CST 2050CST	3	50	0	0		Tornado (F0)
A weak tornado (F0) touched down 5.5 miles south of Stuttgart and moved to the northeast for 3 miles before lifting. Damage along the track of the tornado consisted of a carport blown into a field, some shingles taken off several roofs and pieces of tin peeled off a few barns.								
Calhoun County								
5.2 WSW Hampton to 4 WSW Hampton	18	2048CST 2050CST	1.2	40	0	0		Tornado (F0)
A weak tornado (F0) touched down briefly to the west-southwest of Hampton. The roof of a house sustained damage. A person living next door to the home that was damaged witnessed the tornado. Several pine trees were also snapped off								
Cleveland County								
Kingsland	18	2125CST			0	0		Hail(0.75)
Prairie County								
Countywide	18	2130CST 2215CST			0	0		Flash Flood
Heavy rains caused flash flooding to occur over parts of Prairie County. Several county roads were covered by high water for a short period of time.								
Dallas County								
Southeast Portion	18 19	2130CST 0400CST			0	0		Flash Flood
Ouachita County								
Countywide	18 19	2130CST 0400CST			0	0		Flash Flood



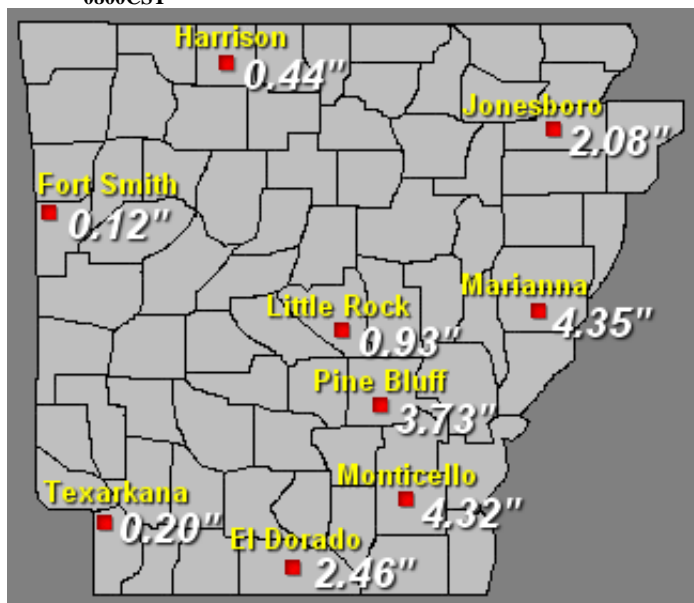
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Character of Storm								
<u>ARKANSAS, Central and North Central</u>								
Arkansas County								
Countywide	18 19	2215CST 0800CST			0	0		
Flash Flood								
Calhoun County								
Countywide	18 19	2215CST 0800CST			0	0		
Flash Flood								
Cleveland County								
Countywide	18 19	2215CST 0400CST			0	0		
Flash Flood								
Jefferson County								
Countywide	18 19	2215CST 0400CST			0	0		
Flash Flood								
Monroe County								
Countywide	18 19	2215CST 0400CST			0	0		
Flash Flood								
Lincoln County								
Countywide	18 19	2315CST 0400CST			0	0		
Flash Flood								
Bradley County								
Countywide	18 19	2330CST 0800CST			0	0		
Flash Flood								
Drew County								
Countywide	19	0015CST 0800CST			0	0		
Flash Flood								
Desha County								
Countywide	19	0030CST 0800CST			0	0		
Flash Flood								



Rainfall in the 24 hour period ending at 700 am CST on 12/19/2002 exceeded 4 inches in parts of southern and eastern Arkansas.

Heavy rains fell across a large portion of southeast Arkansas starting on the evening of the 18th and continuing through the morning hours of the 19th. Rainfall amounts between 2 and 5 inches were common across the area, with some locations seeing totals of 5 to 7 inches. The rainfall resulted in widespread flash flooding over the region with numerous county roads covered by high water. There were also a number of reports of homes and businesses sustaining flood damage as well.



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ARKANSAS, Central and North Central

Bradley County

6.5 NNW Banks to 6.7 N Banks	18	2157CST 2202CST	3.1	125	0	0			Tornado (F1)
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A garage collapsed due to an F1 tornado about 7 miles north of Banks (Bradley County) on 12/18/2002.

An F1 tornado touched down 6.5 miles north-northwest of Banks and tracked to the northeast for 3.1 miles before lifting. The tornado caused a small garage to collapse. Several large trees were blown down. One of the trees damaged the roof of a mobile home and another tree collapsed the porch roof of a hunting lodge. There were also quite a few trees that were snapped off.

Lincoln County

5.8 NE Gould to 6.2 NE Gould	18	2220CST 2221CST	0.5	25	0	0			Tornado (F0)
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A weak tornado touched down briefly near the Arkansas River levee. A number of trees in the area had their tops twisted off.

Lincoln County

.5 NE Garrett Bridge to 1.3 NE Garrett Bridge	18	2253CST 2254CST	0.8	75	0	2			Tornado (F1)
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ARKANSAS, Central and North Central



A mobile home was destroyed by an F1 tornado off of Highway 54 near Garrett Bridge (Lincoln County) on 12/18/2002. The occupants (2) were injured.

An F1 tornado touched down briefly just to the northeast of Garrett Bridge. The first noted damage was at a church on Highway 54 where several flag poles were bent over and some tree limbs were downed. More significant damage was noted about 1/2 mile to the northeast where a mobile home was flipped over and destroyed. Two people inside the mobile home were injured and hospitalized. The tornado lifted shortly thereafter with no other damage noted.

Desha County Mitchellville

18 2305CST 0.2 20 0 0 Tornado (F0)

A weak tornado (F0) touched down briefly along Highway 65. The only damage noted were several trees that were twisted several feet above the ground.

Desha County Pendleton

18 2315CST 0 0 Thunderstorm Wind (G50)

Thunderstorm winds knocked a few trailers off their foundations.

Arkansas County Countywide

23 2020CST 0 0 Flash Flood
24 0230CST

Desha County Countywide

23 2130CST 0 0 Flash Flood
24 0300CST

Heavy rains fell over parts of southeast Arkansas and produced flash flooding. Rainfall amounts of 1 to 3 inches were common, with the ground already saturated from precipitation earlier in the month. A number of roads throughout Arkansas and Desha Counties were covered by high water for several hours. Portions of some roadways were also washed out.

ARZ003>005

Boone - Marion - Baxter

23 2100CST 0 2 Winter Storm
24 0400CST

Snow starting falling over parts of north-central Arkansas during the afternoon hours on the 23rd. The snow gradually overspread the rest of the area by the early evening hours. Snow accumulations from 3 to 6 inches were common in the counties along the Arkansas/Missouri border. Lesser amounts were reported farther south, with 1 to 3 inches of snow common. Some sleet and freezing rain mixed with the snow before the precipitation ended by early afternoon on the 24th. Roads were snow covered and



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ARKANSAS, Central and North Central

hazardous with numerous traffic accidents reported. One accident occurred in Baxter County along Highway 101. A car flipped over with two people injured. Sporadic power outages were also reported due to the weight of snow and ice on tree limbs and power lines.